

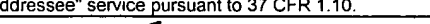


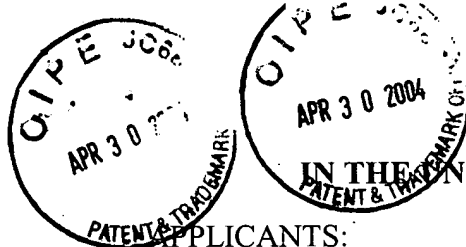


<div> <div>  <div> <div>USPTO</div> <div>U.S. Department of Commerce</div> <div>Patent and Trademark Office</div> </div> </div> <div> <div>Rev. 10/95</div> <div> <div>TRANSMITTAL FORM</div> <div>(to be used for all correspondence during pendency of filed application)</div> </div> </div> </div>		Application Number	10/727,199
		Filing Date	December 2, 2003
		First Named Inventor	John Barrus
		Group Art Unit Number	2673
		Examiner Name	Not yet known
Total Number of Pages in This Submission	*6	Attorney Docket Number	20412-08188

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SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Amir H. Raubvogel, Reg. No.: 37,070	Dated:	April 27, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: John Barrus, Kurt Piersol, and Stephen Savitzky
APPLICATION NO.: 10/727,199
FILING DATE: December 2, 2003
TITLE: Multi-Capability Display
EXAMINER: Not yet known
GROUP ART UNIT: 2673
ATTY. DKT. NO.: 20412-08188

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this

certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

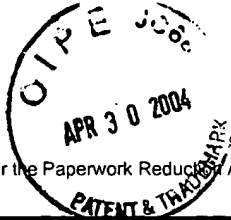
- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
John Barrus, Kurt Piersol, and
Stephen Savitzky

Dated: APR 27/04

By: 
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/727,199
				Filing Date	December 2, 2003
				First Named Inventor	John Barrus
				Art Unit	2673
				Examiner Name	Not yet known
Sheet	1	of	2	Attorney Docket Number	20412-08188

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-2002/0167460 A1	11-14-2002	Baudisch, et al.
		US-2002/0167459 A1	11-14-2002	Baudisch, et al.
		US-2002/0167458 A1	11-14-2002	Baudisch, et al.
		US-2002/0167531 A1	11-14-2002	Baudisch, et al.
		US-6,351,335 B1	02-26-2002	Perlin

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
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		ASHDOWN MARK, et al., The Writing's on the Wall: Large, Remotely Controlled Displays, University of Cambridge Computer Laboratory, UK		
		BAUDISCH PATRICK, et al., Focus Plus Context Screens: Combining Display Technology with Visualization Techniques, Information Sciences and Technologies Laboratory, Xerox Palo Alto Research Center, U.S.A.		
		BAUDISCH PATRICK, et al., Focusing on the Essential: Considering Attention in Display Design, Communications of the ACM, 2003, pp. 1-6		
		COMSTOCK RAYMOND J., et al. The Effectiveness of Various Attitude Indicator Display Sizes and Extended Horizon Lines on Attitude Maintenance in a Part-Task Simulation,		
		CZERWINSKI MARY, et al., Women Take a Wider View, CHI 2002, April 20-25, 2002, Minneapolis, U.S.A.		
		KOSARA ROBERT, et al., Focus + Context Taken Literally, IEEE Computer Graphic and Applications, January/February 2002, pp. 22-29		
		RAJASHEKAR UMESH, et al., Visual Search: Structure from noise, ETRA'02, New Orleans, U.S.A., pp. 119-123		

Examiner Signature		Date Considered	
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				Application No.	10/727,199
				Filing Date	December 2, 2003
				First Named Inventor	John Barrus
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				Examiner Name	Not yet known
Sheet	2	of	2	Attorney Docket Number	20412-08188

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		TUMBLIN JACK, LCIS: A Boundary Hierarchy For Detail-Preserving Contrast Reduction, SIGGRAPH 99, Los Angeles, U.S.A.	
		TUMBLIN JACK, et al., Two Methods for Display of High Contrast Images, ACM Inc., New York, U.S.A., pp. 1-38	
		WELLNER PIERRE, et al., The Double Digital Desk: Shared Editing of Paper Documents, Technical Report EPC-93-108, Xerox Research Centre Cambridge Laboratory, U.K.	
		XING JING, Center-surround interactions in foveal and peripheral vision, Vision Research 40 (2000), 200 Elsevier Science Ltd., pp. 3065-3072	

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